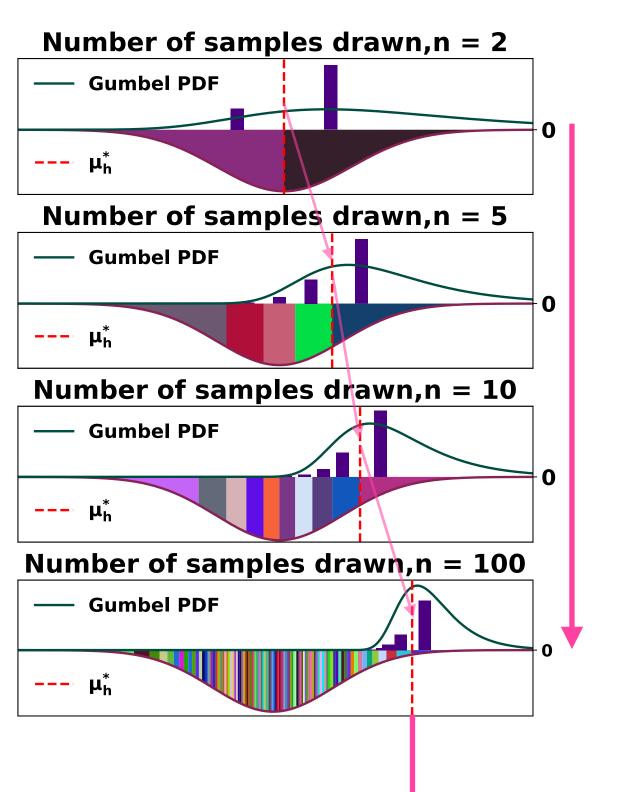
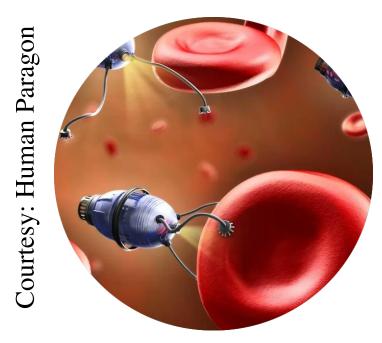
## Response Threshold Distributions to Improve Best-of-n Decisions in Minimalistic Robot Swarms

## Histogram shows the frequency of the largest sample

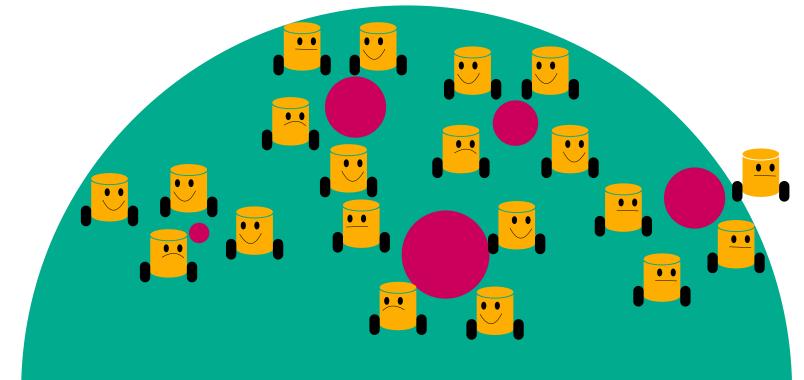




Swarm of Nano-robots that operate in blood vessels



Biodegradable robots swarm for small scale monitoring and transport



Minuscule Robots, Can you decide which is the largest Ball?



$$\int_{-\infty}^{\mu_h^*} \mathcal{D}_q(x|\mu_q, \sigma_q) dx = 1 - \frac{1}{n} \quad (1)$$

